

§ 430.57

40 CFR Ch. I (7–1–03 Edition)

(ii) The following pretreatment standards apply with respect to each fiber line operated by an indirect discharger producing specialty grade sulfite pulps if the indirect discharger discharges to the pretreatment control au-

thority in a report submitted under 40 CFR 403.12(b), (d), or (e) that it uses exclusively TCF bleaching processes at that fiber line. These pretreatment standards must be attained on or before April 16, 2001:

SUBPART E

Pollutant or pollutant parameter	PSES (TCF)	
	Maximum for any 1 day	Monthly average
AOX	<ML ^a	(^b)

^a“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.
^bThis regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(b) The following pretreatment standards apply to each indirect discharger, in accordance with the previous subcategorization scheme, unless it certifies to the pretreatment control authority that it is not using these

compounds as biocides. In cases when POTWs find it necessary to impose mass effluent limitations, equivalent mass limitations are provided as guidance:

SUBPART E

Pollutant or pollutant property	Supplemental PSES	
	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058exp(0.017x)	((0.011)(12.67)exp(0.017x))/y
Trichlorophenol	0.0043exp(0.017x)	((0.082)(12.67)exp(0.017x))/y

x = percent sulfite pulp in final product.
y = wastewater discharged in kgal per ton of product.

(c) An indirect discharger must demonstrate compliance with the pretreatment standards in paragraphs (a)(2) or (a)(3) of this section, as applicable, by monitoring for all pollutants at the point where the wastewater containing those pollutants leaves the bleach plant.

[63 FR 18635, Apr. 15, 1998; 63 FR 42239 Aug. 7, 1998]

§ 430.57 Pretreatment standards for new sources (PSNS).

Except as provided in 40 CFR 403.7, any new source subject to this subpart that introduces pollutants into a publicly owned treatment works must: comply with 40 CFR part 403; and achieve the following pretreatment standards for new sources (PSNS).

(a) (1) The following pretreatment standards apply to each indirect discharger in the calcium-, magnesium-, or sodium-based sulfite pulp segment that is a new source:

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[Production of Calcium-, Magnesium-, or Sodium-Based Sulfite Pulps]

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Monthly average
	kg/kg (or pounds per 1,000 lb) of product	
AOX	<ML ^a	(^b)

^a“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.
^bThis regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(2)(i) The following standards apply to each indirect discharger in the ammonium-based sulfite pulp segment that is a new source:

SUBPART E—PRODUCTION OF AMMONIUM-BASED SULFITE PULPS

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Monthly average
TCDD ^a	<ML ^b	(^c)
TCDF ^a	<ML ^b	(^c)
Trichlorosyringol ^a	<ML ^b	(^c)
3,4,5-trichlorocatechol ^a	<ML ^b	(^c)
3,4,6-trichlorocatechol ^a	<ML ^b	(^c)
3,4,5-trichloroguaiacol ^a	<ML ^b	(^c)
3,4,6-trichloroguaiacol ^a	<ML ^b	(^c)
4,5,6-trichloroguaiacol ^a	<ML ^b	(^c)
2,4,5-trichlorophenol ^a	<ML ^b	(^c)
2,4,6-trichlorophenol ^a	<ML ^b	(^c)
Tetrachlorocatechol ^a	<ML ^b	(^c)
Tetrachloroguaiacol ^a	<ML ^b	(^c)
2,3,4,6-tetrachlorophenol ^a	<ML ^b	(^c)
Pentachlorophenol ^a	<ML ^b	(^c)

^aThese limitations do not apply with respect to fiber lines operated by any indirect discharger that discloses to the pretreatment control authority, at the time it submits the report required under 40 CFR 403.12 (b), (d), or (e), that it uses a TCF bleaching process at that fiber line.
^b“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.
^cThis regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(ii) The following pretreatment standards apply with respect to each new source fiber line operated by an indirect discharger producing ammonium-based sulfite pulps if the indirect discharger discloses to the pretreatment control authority in a report submitted under 40 CFR 403.12(b), (d), or (e) that it uses exclusively TCF bleaching processes at that fiber line:

SUBPART E—PRODUCTION OF AMMONIUM-BASED SULFITE PULPS

Pollutant or pollutant parameter	PSNS (TCF)	
	Maximum for any 1 day	Monthly average
AOX	<ML ^a	(^b)

^a“<ML” means less than the minimum level specified in § 430.01(i) for the particular pollutant.
^bThis regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(3)(i) The following pretreatment standards apply to each indirect discharger in the specialty grade sulfite pulp segment that is a new source:

SUBPART E—PRODUCTION OF SPECIALTY GRADE SULFITE PULPS

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Monthly average
TCDD ^a	<ML ^b	(c)
TCDF ^a	<ML ^b	(c)
Trichlorosyringol ^a	<ML ^b	(c)
3,4,5-trichlorocatechol ^a	<ML ^b	(c)
3,4,6-trichlorocatechol ^a	<ML ^b	(c)
3,4,5-trichloroguaiacol ^a	<ML ^b	(c)
3,4,6-trichloroguaiacol ^a	<ML ^b	(c)
4,5,6-trichloroguaiacol ^a	<ML ^b	(c)
2,4,5-trichlorophenol ^a	<ML ^b	(c)
2,4,6-trichlorophenol ^a	<ML ^b	(c)
Tetrachlorocatechol ^a	<ML ^b	(c)
Tetrachloroguaiacol ^a	<ML ^b	(c)
2,3,4,6-tetrachlorophenol ^a	<ML ^b	(c)
Pentachlorophenol ^a	<ML ^b	(c)

^aThese limitations do not apply with respect to fiber lines operated by any indirect discharger that discloses to the pretreatment control authority, at the time it submits the report required under 40 CFR 403.12 (b), (d), or (e), that it uses a TCF bleaching process at that fiber line.

^b"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.

^cThis regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(ii) The following pretreatment standards apply with respect to each new source fiber line operated by an indirect discharger producing specialty grade sulfite pulps if the indirect discharger discloses to the pretreatment control authority in a report submitted under 40 CFR 403.12(b), (d), or (e) that it uses exclusively TCF bleaching processes at that fiber line:

SUBPART E—PRODUCTION OF SPECIALTY GRADE SULFITE PULPS

Pollutant or pollutant parameter	PSNS (TCF)	
	Maximum for any 1 day	Monthly average
AOX	<ML ^a	(b)

^a"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.

^bThis regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(b) The following pretreatment standards shall apply to each new source indirect dischargers unless the indirect discharger certifies to the pretreatment control authority that it is not using these compounds as biocides. In cases when POTWs find it necessary to impose mass effluent standards, equivalent mass standards are provided as guidance:

SUBPART E

Pollutant or pollutant property	Supplemental PSNS	
	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058exp (0.017x)	((0.015)(9.12)exp(0.017x))/y
Trichlorophenol	0.0043exp (0.017x)	((0.114)(9.12)exp(0.017x))/y
x = percent sulfite pulp in final product.		
y = wastewater discharged in kgal per ton of product.		

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(c) An indirect discharger must demonstrate compliance with the pretreatment standards in paragraphs (a)(2) or (a)(3) of this section, as applicable, by monitoring for all pollutants at the point where the wastewater containing those pollutants leaves the bleach plant.

[63 FR 18635, Apr. 15, 1998; 63 FR 42240, Aug. 7, 1998]

§ 430.58 Best management practices (BMPs).

The definitions and requirements set forth in 40 CFR 430.03 apply to facilities in this subpart.

Subpart F—Semi-Chemical Subcategory

§ 430.60 Applicability; description of the semi-chemical subcategory.

The provisions of this subpart are applicable to discharges resulting from

the integrated production of pulp and paper at semi-chemical mills.

§ 430.61 Specialized definitions.

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 of this part shall apply to this subpart.

§ 430.62 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

SUBPART F

[BPT effluent limitations for ammonia base mills]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
BOD5	8.0	4.0
TSS	10.0	5.0
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0 at all times.

SUBPART F

[BPT effluent limitations for sodium base mills]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
BOD5	8.7	4.35
TSS	11.0	5.5
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0 at all times.